FPC-10

Mr. Singh

1.	Simplify: $\frac{11}{12} + \frac{5}{12}$	8. Find the sum $\frac{7}{8} + \frac{1}{6}$.
	a) $\frac{7}{6}$ b) $\frac{14}{12}$ c) $\frac{4}{3}$ d) $1\frac{16}{3}$ e) $1\frac{5}{12}$	a) $\frac{4}{7}$ b) $\frac{9}{8}$ c) $\frac{13}{12}$ d) $\frac{25}{24}$ e) $1\frac{1}{12}$
2.	$\frac{3}{20} + \frac{5}{20} + \frac{2}{20} = $	9. Simplify: $\frac{7}{12} + \frac{2}{3}$
	a) $\frac{1}{6}$ b) $\frac{1}{2}$ c) $\frac{11}{20}$ d) $\frac{3}{4}$ e) $\frac{7}{10}$	a) $\frac{1}{3}$ b) $\frac{7}{6}$ c) $\frac{5}{4}$ d) $1\frac{1}{12}$ e) $1\frac{1}{3}$
3.	What is $9\frac{2}{7} + 3\frac{4}{7}$?	10. $\frac{3}{8} + \frac{5}{6} + \frac{2}{3} = $
	a) $12\frac{5}{14}$ b) $12\frac{3}{7}$ c) $12\frac{1}{2}$ d) $12\frac{6}{7}$ e) $12\frac{13}{14}$	a) $\frac{1}{2}$ b) $\frac{3}{4}$ c) $1\frac{1}{3}$ d) $1\frac{5}{6}$ e) $1\frac{7}{8}$
4.	What is $7\frac{4}{9} + 6\frac{8}{9}$?	11. What is $\frac{11}{15} - \frac{4}{15}$?
	a) $13\frac{1}{3}$ b) $13\frac{2}{3}$ c) $14\frac{1}{3}$ d) $14\frac{2}{3}$ e) $14\frac{3}{4}$	a) $\frac{1}{10}$ b) $\frac{3}{10}$ c) $\frac{7}{15}$ d) $\frac{8}{15}$ e) $\frac{3}{5}$
5.	$\frac{3}{8} + \frac{1}{2} = $	12. $\frac{7}{8} - \frac{5}{8} = $
	a) $\frac{7}{16}$ b) $\frac{5}{8}$ c) $\frac{7}{8}$ d) $\frac{19}{32}$ e) $\frac{15}{16}$	a) $\frac{1}{8}$ b) $\frac{1}{4}$ c) $\frac{3}{8}$ d) $\frac{5}{8}$ e) $\frac{3}{4}$
6.	Simplify: $\frac{3}{4} + \frac{2}{7}$	13. Simplify: $6\frac{9}{16} - 4\frac{3}{16}$
	a) $\frac{5}{11}$ b) $1\frac{1}{28}$ c) $1\frac{1}{14}$ d) $1\frac{3}{28}$ e) $1\frac{5}{11}$	a) $1\frac{5}{8}$ b) $1\frac{11}{16}$ c) $2\frac{3}{8}$ d) $2\frac{1}{2}$ e) $2\frac{5}{8}$
7.	What is $\frac{7}{12} + \frac{4}{15}$?	14. Simplify: $\frac{3}{5} - \frac{2}{11}$
	a) $\frac{11}{15}$ b) $\frac{11}{20}$ c) $\frac{17}{20}$ d) $\frac{7}{15}$ e) $\frac{11}{27}$	a) $\frac{1}{6}$ b) $\frac{4}{11}$ c) $\frac{2}{5}$ d) $\frac{23}{55}$ e) $\frac{26}{55}$

15.	Find the	e difference	$e \frac{13}{18} - \frac{5}{12}.$			23. What is $\frac{5}{6} \times \frac{4}{5} \times \frac{3}{7}$?
	a) $\frac{5}{18}$	b) $\frac{5}{12}$	c) $\frac{11}{36}$	d) $1\frac{1}{3}$	e) $1\frac{5}{36}$	a) $\frac{1}{7}$ b) $\frac{3}{14}$ c) $\frac{2}{7}$ d) $\frac{5}{14}$ e) $\frac{3}{7}$
16.	Simplify	$\frac{8}{3} - \frac{1}{6}$				24. What is $\frac{1}{6} \cdot \frac{2}{5} \cdot \frac{5}{8} \cdot 3$?
	a) $\frac{5}{6}$	b) $\frac{3}{2}$	c) $\frac{5}{2}$	d) $1\frac{2}{3}$	e) $2\frac{1}{3}$	a) $\frac{1}{8}$ b) $\frac{1}{4}$ c) $\frac{3}{8}$ d) $\frac{1}{2}$ e) $1\frac{1}{2}$
17.	Find the	e difference	$e \frac{13}{18} - \frac{5}{12}.$			25. Simplify: $\frac{1}{4} \div \frac{1}{2}$
	a) $\frac{5}{18}$	b) $\frac{5}{12}$	c) $\frac{11}{36}$	d) $1\frac{1}{3}$	e) $1\frac{5}{36}$	a) $\frac{1}{16}$ b) $\frac{1}{8}$ c) $\frac{1}{4}$ d) $\frac{1}{2}$ e) 1
18.	What is	$\frac{5}{8} - \frac{1}{2}$?				26. $\frac{5}{6} \div \frac{7}{9} = $
	a) $\frac{1}{8}$	b) $\frac{1}{4}$	c) $\frac{3}{8}$	d) $\frac{1}{2}$	e) $\frac{2}{3}$	a) $\frac{1}{14}$ b) $\frac{2}{7}$ c) $1\frac{1}{14}$ d) $2\frac{3}{14}$ e) 5
19.	What is	$\frac{4}{15} \times \frac{10}{12}$?				27. What is $6 \div \frac{2}{3}$?
	a) $\frac{1}{9}$	b) $\frac{2}{9}$	c) $\frac{2}{3}$	d) $\frac{3}{4}$	e) $\frac{7}{8}$	a) $2\frac{2}{3}$ b) 4 c) 6 d) 9 e) $9\frac{1}{3}$
20.	$4 \times \frac{2}{3} = $					28. Simplify: $\frac{3}{4} \div 3$
	a) $\frac{1}{6}$	b) $1\frac{1}{3}$	c) $1\frac{2}{3}$	d) $2\frac{1}{6}$	e) $2\frac{2}{3}$	a) $\frac{1}{4}$ b) $\frac{3}{4}$ c) 1 d) $2\frac{1}{3}$ e) 3
21.	Simplify	$: 4 \times \frac{3}{15}$				29. $\frac{6}{11} \div 9 = $
	a) $\frac{1}{20}$	b) $\frac{7}{15}$	c) $\frac{4}{5}$	d) $\frac{14}{15}$	e) $1\frac{1}{4}$	a) $\frac{2}{33}$ b) $\frac{2}{11}$ c) $\frac{29}{33}$ d) $2\frac{9}{33}$ e) $4\frac{10}{11}$
22.	$2rac{3}{8} imes rac{2}{5} =$	=	_			30. Simplify: $3\frac{1}{2} \div 14$
	a) $\frac{11}{20}$	b) $\frac{3}{4}$	c) $\frac{4}{5}$	d) $\frac{9}{10}$	e) $\frac{19}{20}$	a) $\frac{1}{14}$ b) $\frac{1}{8}$ c) $\frac{1}{7}$ d) $\frac{1}{4}$ e) $\frac{3}{4}$
					I	

31. Simplify:
$$\frac{\frac{415}{3}}{\frac{3}{5}}$$

a) $\frac{1}{6}$ b) $\frac{1}{3}$ c) $\frac{4}{9}$ d) $1\frac{1}{3}$ e) $2\frac{1}{9}$
32. Simplify: $\frac{\frac{8}{9}}{\frac{16}{15}}$
a) $\frac{3}{4}$ b) $\frac{5}{6}$ c) $1\frac{1}{6}$ d) $1\frac{3}{8}$ e) $1\frac{7}{8}$
33. Simplify: $\frac{\frac{3}{8}}{\frac{1}{4}}$
a) $\frac{1}{12}$ b) $\frac{3}{32}$ c) $\frac{1}{4}$ d) $\frac{1}{2}$ e) $\frac{3}{2}$
34. Simplify: $\frac{\frac{15}{6}}{\frac{3}{8}}$
a) $\frac{5}{8}$ b) $\frac{3}{4}$ c) $\frac{3}{2}$ d) $\frac{13}{7}$ e) $\frac{5}{2}$
35. Simplify: $\frac{1}{1+\frac{1}{2}}$
36. Simplify: $\frac{1}{1+\frac{1}{2}}$
37. Find the reciprocal of $\frac{5+\frac{1}{5}}{5-\frac{1}{2}}$ and express your

answer as a common fraction. $5 - \frac{5}{5}$

38. Express the quotient as a common fraction:

 $1\frac{1}{2} \div 3\frac{3}{5}$

- 39. Express as a mixed number: $8\frac{1}{5} \frac{3}{10}$
- 40. Express as a common fraction: $\frac{1}{1+\frac{1}{5}}$
- 41. Express as a common fraction:

$$2\frac{7}{10}\div10\frac{4}{5}$$

42. Express as a common fraction:

$$\frac{1}{3+\frac{1}{\frac{2}{3}}}$$

43. Simplify:
$$\frac{1}{8 + \frac{1}{8 + \frac{1}{8}}}$$

44. Express as a common fraction: $\frac{1}{1+\frac{2}{5}}$

45. Simplify:
$$\frac{\frac{2}{3}-1}{\frac{1}{3}-\frac{1}{2}}$$

46. Express as a common fraction: $\frac{2}{\frac{3}{4} + \frac{1}{3}}$

47. Simplify:
$$\frac{1}{8 + \frac{1}{8 + \frac{1}{8}} - 1}$$

48. Simplify: $1 + \frac{1}{1 + \frac{1}{1 + 1}}$

Express your answer as a common fraction.

49. Choose the letter which corresponds to the largest number.

a)
$$\frac{1}{1+\frac{2}{1+\frac{1}{2}}}$$
 b) $\frac{1}{3+\frac{1}{1+2}}$ c) $\frac{1}{5+\frac{1}{1+\frac{1}{2}}}$

50. Simplify:
$$\frac{1}{2 + \frac{3}{4 + \frac{5}{6}}}$$

- 51. Find: 12 + (-9)
 - a) -3 b) 2 c) 3 d) 4 e) 5
- 52. Simplify: -28 + 15
 - a) -43 b) -23 c) -13 d) 8 e) 13

- 53. Find: (-47) + (-21)
 - a) -116 b) -105 c) -77d) -68 e) -37

54. Find:
$$(-36) + (-28)$$

a) -64 b) -52 c) -36 d) -28 e) -8

- 55. Simplify: (-82) + 76 + (-87)a) -93 b) -45 c) -23 d) 27 e) 6556. Simplify: 7 + (-10) + (-12)
- 56. Simplify: 7 + (-19) + (-12)a) -38 b) -24 c) -14 d) -7 e) 0
- 57. Find: -16 + (-14) + (-24) + (-32)a) -124 b) -106 c) -93d) -86 e) -74
- 58. Find: 0.025 + (-0.25)
 - a) -5.5
 b) -0.225
 c) 3.25
 d) 4.115
 e) 5.215
- 59. Find: -145 132
 a) -457 b) -377 c) -357
 d) -277 e) -127

- 60. Simplify: 118 (-142)
 - a) -96 b) 260 c) 366 d) 378 e) 421
- 61. Find: (-74) (-57)

a) -31 b) -17 c) -9 d) 13 e) 27

- 62. Simplify: 15 (-6) 41
 - a) -20 b) -12 c) 8 d) 32 e) 62
- 63. Find: -12 32 (-19)
 - a) -70 b) -39 c) -25 d) -18 e) -1

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FPC-10	1.0 - Review Fractions & Signed Numbers	Mr. Singh	05/02/2018
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1.		15.	
Answer: CodePath:	c EAS.MMA.B.J.9	Answer:	c EAS.MMA.B.J.63
2.	EAS.MIMA.D.J.9	16.	EA5.MMA.D.J.05
Answer:	b	Answer:	с
CodePath:	EAS.MMA.B.J.13	CodePath:	EAS.MMA.B.J.65
3.		17.	
Answer: CodePath:	d EAS.MMA.B.J.15	Answer: CodePath:	C EAGMMA D L <i>c</i> o
4.	EAS.MIMA.D.J.10		EAS.MMA.B.J.63
Answer:	с	18. Answer:	а
CodePath:	EAS.MMA.B.J.17	CodePath:	
5.		19.	
Answer: CodePath:	c EAS.MMA.B.J.21	Answer:	
6.	EAS.WIWA.D.J.21	CodePath:	EAS.MMA.B.I.3
0. Answer:	b	20. Answer:	0
CodePath:	EAS.MMA.B.J.24	CodePath:	e EAS.MMA.B.I.6
7.		21.	
Answer: CodePath:	c EAS.MMA.B.J.27	Answer:	с
CodePath: 8.	EAS.MIMA.B.J.27	CodePath:	EAS.MMA.B.I.8
o. Answer:	d	22.	
CodePath:	EAS.MMA.B.J.30	Answer: CodePath:	e EAS.MMA.B.I.11
9.		23.	
Answer:		Answer:	с
CodePath:	EAS.MMA.B.J.32	CodePath:	EAS.MMA.B.I.15
10. Answer:	е	24.	
CodePath:	EAS.MMA.B.J.36	Answer: CodePath:	a EAS.MMA.B.I.18
11.			EA5.MMA.D.1.10
Answer:		25. Answer:	d
CodePath:	EAS.MMA.B.J.41	CodePath:	EAS.MMA.B.I.19
12. Answer:	b	26.	
CodePath:	EAS.MMA.B.J.44	Answer:	
13.		CodePath:	EAS.MMA.B.I.23
Answer:	C EAGMMA D I 51	27. Answer:	d
CodePath:	EAS.MMA.B.J.51	CodePath:	EAS.MMA.B.I.25
14. Answer:	d		
CodePath:	EAS.MMA.B.J.61		
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28.	
Answer:	a
CodePath:	EAS.MMA.B.I.28
29.	
Answer:	a
CodePath:	EAS.MMA.B.I.29
30.	1
Answer:	d DACIMINA DI 22
CodePath:	EAS.MMA.B.I.33
31.	
Answer:	с
CodePath:	EAS.MMA.B.I.39
32.	
Answer:	b
CodePath:	EAS.MMA.B.I.40
	EAS.MMA.D.I.40
33.	
Answer:	e
CodePath:	EAS.MMA.B.I.41
34.	
Answer:	e
CodePath:	EAS.MMA.B.I.42
35.	2
Answer:	
CodePath:	EAS.MCH.A.A.5
36.	
Answer:	$\frac{3}{5}$
CodePath:	EAS.MCH.A.A.8
37.	
Answer:	$\frac{12}{13}$
CodePath:	$\overset{13}{\mathrm{EAS.MCH.A.A.33}}$
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38.	3
Answer:	$\frac{5}{12}$
CodePath:	EAS.MCH.A.A.37
39.	
Answer:	$7\frac{9}{10}$
CodePath:	EAS.MCH.A.A.39
40.	
40. Answer:	5
	$rac{5}{6}$ EAS.MCH.A.A.41
CodePath:	DA5.MOH.A.A.41
41.	
Answer:	$\frac{1}{4}$
CodePath:	EAS.MCH.A.A.49
42.	
Answer:	$\frac{2}{9}$
CodePath:	9 EAS.MCH.A.A.56

43.	
Answer:	$\frac{65}{528}$
CodePath:	EAS.MCH.A.A.65
44.	
Answer:	$\frac{5}{7}$
CodePath:	ÉAS.MCH.A.A.69
45.	
Answer:	2
CodePath:	EAS.MCH.A.A.73
	Lito.wi011.11.11.10
46.	24
Answer:	$\frac{24}{13}$
CodePath:	EAS.MCH.A.A.75
47.	100
Answer:	$-\frac{463}{528}$
CodePath:	EAS.MCH.A.A.77
48.	
Answer:	$\frac{5}{3}$
CodePath:	³ EAS.MCH.A.A.80
49.	
Answer:	
CodePath:	a EAS.MCH.A.A.83
	EAS.MUII.A.A.83
50.	90
Answer:	$\frac{29}{76}$
CodePath:	EAS.MCH.A.A.94
51.	
51. Answer:	с
	c EAS.MMA.C.B.1
Answer:	
Answer: CodePath: 52.	EAS.MMA.C.B.1
Answer: CodePath: 52. Answer:	EAS.MMA.C.B.1
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Answer: CodePath: 52. Answer: CodePath: 53. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d
Answer: CodePath: 52. Answer: CodePath: 53.	EAS.MMA.C.B.1 c EAS.MMA.C.B.3
Answer: CodePath: 52. Answer: CodePath: 53. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54.	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a
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Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55.	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 a
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 55. Answer: CodePath: 55.	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 55. Answer: CodePath: 56. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath: 56. Answer: CodePath: 57.	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b EAS.MMA.C.B.8
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath: 56. Answer: CodePath: 57. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b EAS.MMA.C.B.8 d
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath: 57. Answer: CodePath:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b EAS.MMA.C.B.8
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath: 56. Answer: CodePath: 57. Answer:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b EAS.MMA.C.B.8 d
Answer: CodePath: 52. Answer: CodePath: 53. Answer: CodePath: 54. Answer: CodePath: 55. Answer: CodePath: 56. Answer: CodePath: 57. Answer: CodePath:	EAS.MMA.C.B.1 c EAS.MMA.C.B.3 d EAS.MMA.C.B.5 a EAS.MMA.C.B.6 b EAS.MMA.C.B.8 d

59. A	1
Answer: CodePath:	d EAS.MMA.C.B.31
	EA5.MIMA.O.D.51
60. Answer: CodePath:	b EAS.MMA.C.B.33
61. Answer: CodePath:	b EAS.MMA.C.B.35
62. Answer: CodePath:	a EAS.MMA.C.B.37
63. Answer: CodePath:	c EAS.MMA.C.B.38